

Candidate supervisor's information summary form
maximum 2 pages – it should be a summary of most important achievements

Name and surname, degree, title: Prof. Piotr Jurka	
Academic discipline/disciplines	VETERINARY MEDICINE
Professional development (degrees and titles) in chronological order	DVM, PhD -1999 DVM, PhD, Assistant professor – 2010 DVM, PhD, Professor SGGW– 2014 PROFESSOR, DVM – 2019
Most important publications/ patents in the last 3 years (maximum 10)	<ol style="list-style-type: none"> 1. Domrazek K., Jurka P. Sperm Sexing in Selected Animals and Humans: Methods, Applications, and Future Prospects – Andrology, 02,2026 2. Domrazek K, Kanafa S, Krzeszewska M, Dąbrowski R, Soler L, Jurka P. Selected inflammatory markers in uterine and peripheral blood of bitches with pyometra – J.Vet.Research, 02,2026 3. Domrazek K, Kondratek K, Tobolewski F, Jurka P. Prevalence, Diagnosis, and Treatment of Ovarian Cysts in Bitches and Queens: A Meta-Analysis. Animals (Basel). 2025,15,2800. 4. Domrazek K, Jurka P. Prevalence of Chlamydophila spp. and Canid herpesvirus-1 in Polish dogs. Veterinary World. 2024; 17(1): 226-232. 5. Domrazek K., Konieczny P., Majka M., Czopowicz M., Cywińska A., Jurka P. The lack of the influence of various species of Mycoplasma spp. on canine semen quality. Theriogenology. 2024,219,86-93. 6. Domrazek K, Konieczny P., Majka M., Czopowicz M., Jurka P. The impact of microorganisms on semen quality. Animals 2024, 14, 1267. 7. Domrazek, K., Jurka, P. Application of Next-Generation Sequencing (NGS) Techniques for Selected Companion Animals. Animals 2024, 14, 1578. 8. Domrazek K., Kaszak I., Kanafa S., Sacharczuk M., Jurka P. The influence of Mycoplasma species on human and canine semen quality: a review. Asian J Androl. 2023;25, 29-37 9. Domrazek, K. Pawłowski K., Jurka, P. Usefulness of BRCA and ctDNA as Prostate Cancer Biomarkers: A Meta-Analysis. Cancers 2023, 15,3452. 10. Kanafa S., Domrazek K., Dąbrowski R., Soler L., Kaszak I., Witkowska-Piłaszewicz O., Dolka I., Jurka P. Relationships between haptoglobin and inter-alpha trypsin inhibitor heavy chain 4 levels in local and

	peripheral blood and systemic inflammatory response syndrome in bitches with pyometra. Acta Vet Hung. 2023, 13;71, 174-182.
Experience in work with doctoral students (defended doctoral dissertations, initiated doctoral procedures) in chronological order	<p>Doctorates defended:</p> <ol style="list-style-type: none"> 1. Artur Dobrzyński, DVM 2. Kamil Kacprzak, DVM 3. Anna Ruszczak, DVM 4. Szymon Kanafa, DVM 5. Kinga Domrazek, DVM <p>Open theses:</p> <ol style="list-style-type: none"> 1. Ilona Kaszak, DVM 2. Maciej Wątroba, DVM
Achievements in the area of projects/grants (in the last 5 years)	<ol style="list-style-type: none"> 1. Research on the use of cell therapy in the treatment of urinary tract disorders in companion animals (bitches) – KZL 2025–2026 2. The effect of induced mesenchymal stem cells on the level of selected acute phase proteins in inflammatory diseases (stomatitis and gingivitis, inflammatory bowel disease and chronic kidney disease) – KZL 2025-2026 3. Operational Programme Knowledge Education Development for the Faculty of Veterinary Medicine for 2018-2021 No. POWR.03.05.00.-00.Z033/17-00 NCBiR grant
Subject area of the research project for which the candidate student is being recruited	Veterinary medicine – diseases of dogs and cats, with particular emphasis on reproduction, andrology, biotechnology and endocrinology.
<p><u>Contact details:</u></p> <p>Institute</p> <p>E-mail address</p> <p>Telephone number</p>	<p>Institute of Veterinary Medicine, Warsaw University of Life Sciences</p> <p>piotr_jurka@sggw.edu.pl</p> <p>22 59 36 144</p>